

## California Weather-Hydro Conditions during April 2015

As of April 30, statewide hydrologic conditions were as follows: precipitation, 70 percent of average to date; runoff, 55 percent of average to date; snow water content, 2 percent of average to date (1 percent of the April 1 average); and reservoir storage, 65 percent of average for the date. Sacramento River Region unimpaired runoff, for Water Year 2015, observed through April 30, 2015 was about 7.5 million acre-feet (MAF), which is about 56 percent of average. In comparison to Water Year 2014, the observed Sacramento River Region unimpaired runoff through April 30, 2014 was about 5.5 MAF, or about 41 percent of average.

On April 30, the Northern Sierra 8-Station Precipitation Index Water Year total was 34.0 inches, which is about 75 percent of the seasonal average to date and 68 percent of an average water year (50.0 inches). During April, the total precipitation for the 8-Stations was 2.3 inches, or about 59 percent of average for the month. Last year on April 30, the Water Year 2014 seasonal total for the 8-Stations was 28.1 inches, or about 62 percent of average.

On April 30, the San Joaquin 5-Station Precipitation Index Water Year total was 16.0 inches, which is about 43 percent of the seasonal average to date and 39 percent of an average water year (40.8 inches). During April, the total precipitation for the 5-Stations was 2.3 inches, or about 64 percent of average for the month. Last year on April 30, the Water Year 2014 seasonal total for the 5-Stations was 18.2 inches, or about 49 percent of average.

Daily Precipitation (in inches) for Selected Stations as of 05/01/2015					
Station	Oct 1 to Date 2014 - 2015	% Average	Season to Date 2013 - 2014	% Average	% Average Oct 1 - Sep 30
Mount Shasta	31.95	82	11.69	30	73
Eureka	29.85	81	16.30	44	74
Redding	22.17	71	15.97	51	64
South Lake Tahoe	9.64	56	11.85	69	47
Sacramento Executive Airport	15.30	88	8.92	52	83
Santa Rosa (Sonoma Co AP)	22.24	65	13.68	40	61
San Francisco	17.34	77	11.92	53	73
Stockton	10.57	80	6.99	53	75
Yosemite	14.29	41	15.87	46	38
Monterey	14.21	93	8.21	54	88
Paso Robles	8.13	67	4.91	40	64
Fresno	5.85	55	4.87	46	51
Bakersfield	4.61	76	2.37	39	71
Death Valley	1.05	56	1.00	53	44
Los Angeles	7.46	52	5.74	40	50
Riverside	4.23	36	1.87	16	34
Palm Springs	2.07	45	0.92	20	36
San Diego	6.53	66	4.90	49	63

Key Reservoir Storage (1,000 AF) as of 04/30/2015								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	1,184	2,020	59	2,448	48	---	1,264
Shasta Lake	Sacramento	2,662	3,924	68	4,552	58	-1,890	1,890
Lake Oroville	Feather	1,782	2,877	62	3,538	50	-1,677	1,756
New Bullards Bar Res	Yuba	586	767	76	970	60	-310	380
Folsom Lake	American	576	729	79	977	59	-227	401
New Melones Res	Stanislaus	491	1,505	33	2,400	20	-1,735	1,929
Don Pedro Res	Tuolumne	843	1,487	57	2,030	42	-875	1,187
Lake McClure	Merced	104	607	17	1,032	10	-746	921
Millerton Lake	San Joaquin	192	366	53	520	37	-328	328
Pine Flat Res	Kings	211	613	34	1,000	21	-789	789
Isabella	Kern	45	231	19	568	8	-316	523
San Luis Res	(Offstream)	1,273	1,822	70	2,041	62	---	766

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for May 2015, issued April 30, 2015, suggests equal chances of wet or dry conditions for all of California.